INTERNATIONAL SEARCH REPORT

Intel al Application No PCT/IB2004/052543

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B1/24 H03M3/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 - H04B - H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/181614 A1 (MOSTAFA MOHAMED A.I ET AL) 5 December 2002 (2002-12-05)	1-4, 7-12, 15-18, 21,22 5,6,13, 14,19,20
	abstract paragraphs '0057!, '0058!, '0072! figures 7,10	
X .	EP 0 742 647 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 13 November 1996 (1996-11-13)	1,2,9, 11,15,16
Α	10 November 1990 (1990 11 10)	3-8, 11-14, 17-22
	abstract page 39, lines 5-10; figure 38	

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X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.	
A document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed	effining the general state of the art which is not at to be of particular relevance or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention or cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone efferring to an oral disclosure, use, exhibition or as ublished prior to the international filing date but the priority date claimed "It later document to international tiling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention cannot be considered novel or cannot be considered to inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "S" document member of the same patent family	
9 February 2005	Date of mailing of the international search report 23/02/2005	
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Aquilani, D	

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